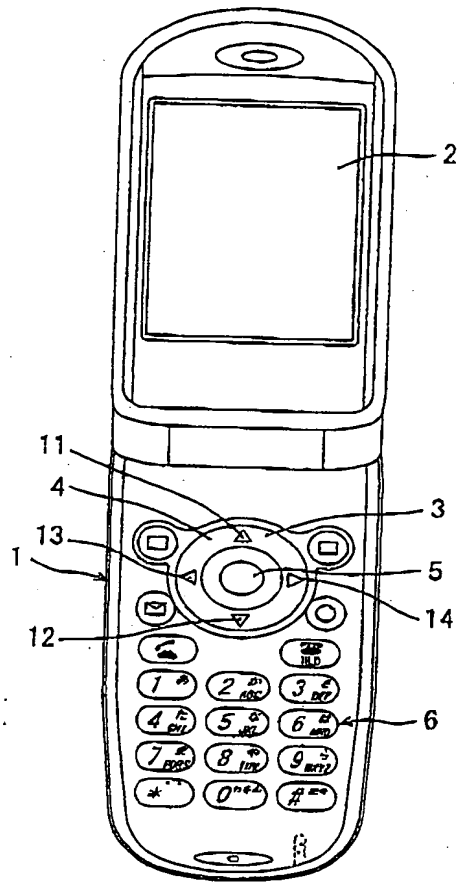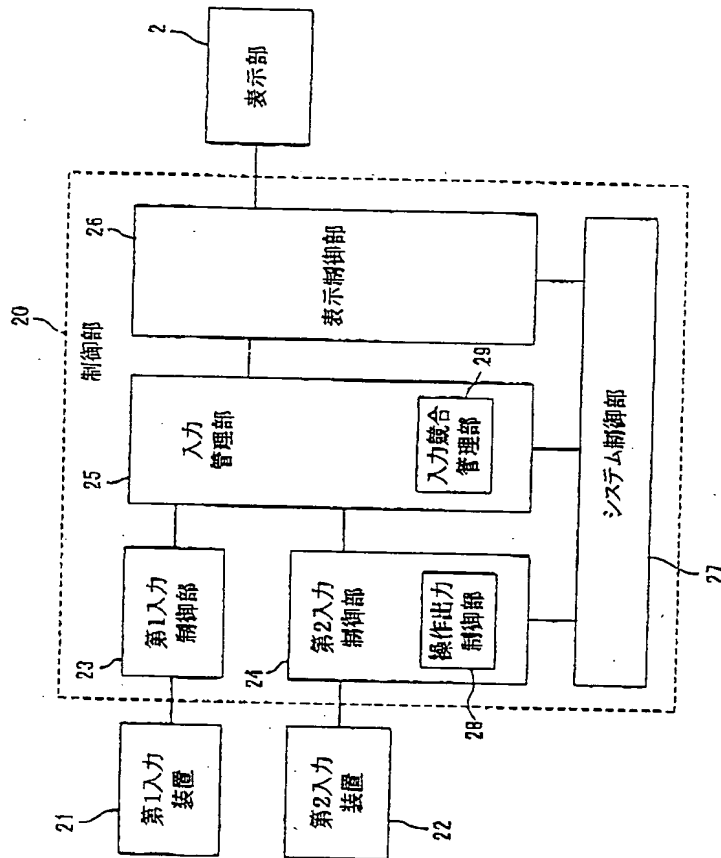Fig 1

1/11

FIG 2
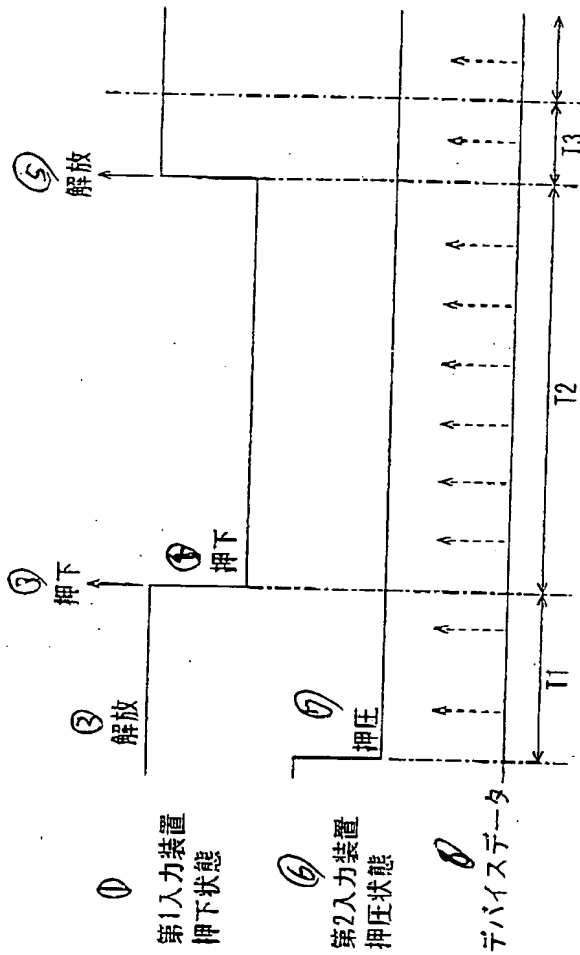

2/11

[FIG. 2]

21: FIRST INPUT DEVICE

22: SECOND INPUT DEVICE

23: FIRST INPUT CONTROL UNIT

24: SECOND INPUT CONTROL UNIT

28: OPERATION OUTPUT CONTROL UNIT

25: INPUT MANAGING UNIT

20: CONTROL UNIT

29: INPUT COMPETITION MANAGING UNIT

27: SYSTEM CONTROL UNIT

26: DISPLAY CONTROL UNIT
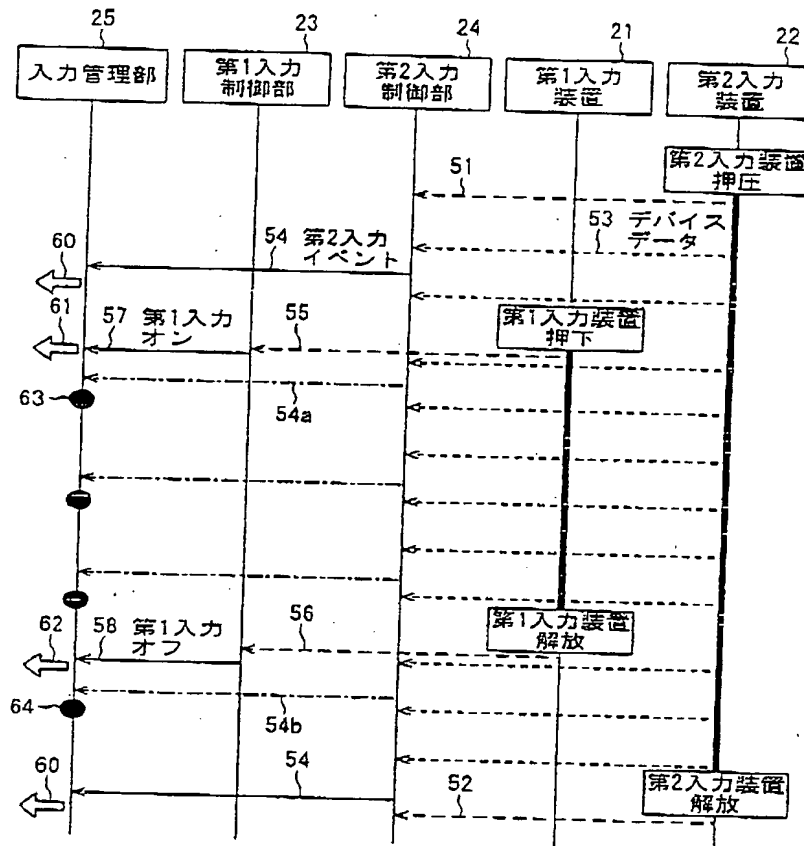
2: DISPLAY UNIT

Fig. 3

3/11

① IN A STATE WHERE FIRST INPUT DEVICE IS DEPRESSED
② RELEASED
③ DEPRESSED
④ DEPRESSED

⑤ RELEASED
⑥ IN A STATE WHERE SECOND INPUT DEVICE IS DEPRESSED
⑦ PRESSED
⑧ DEVICE DATA

Fig.4
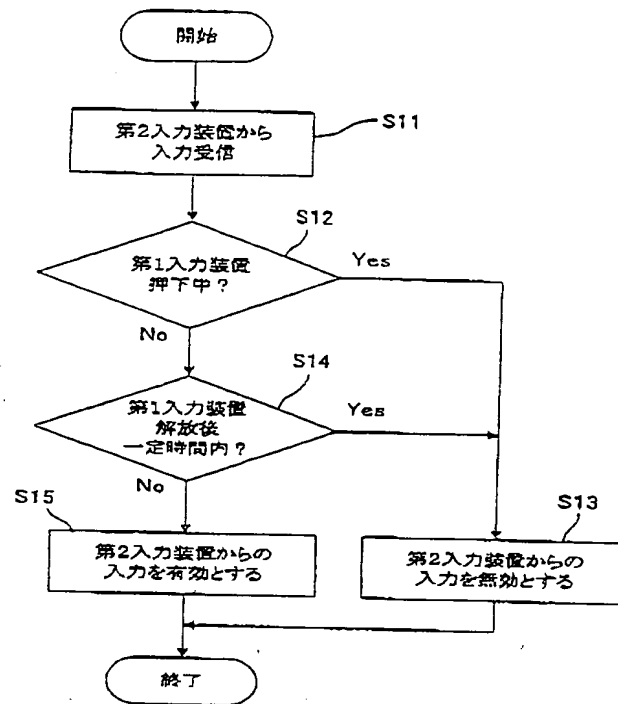

4/11

[FIG. 4]

25: INPUT MANAGING UNIT
23: FIRST INPUT CONTROL UNIT
24: SECOND INPUT CONTROL UNIT
21: FIRST INPUT DEVICE
22: SECOND INPUT DEVICE
SECOND INPUT DEVICE DEPRESSED
53: DEVICE DATA
54: SECOND INPUT EVENT
57: FIRST INPUT ON
58: FIRST INPUT OFF
FIRST INPUT DEVICE DEPRESSED
FIRST INPUT DEVICE RELEASED
SECOND INPUT DEVICE RELEASED

Fig 5

```
          ┌─────────┐
          │  開始   │
          └────┬────┘
               │
       ┌───────┴───────┐
       │ 第2入力装置から │ ─── S11
       │   入力受信      │
       └───────┬───────┘
               │
            ◇ S12
       ┌─────────────┐
       │ 第1入力装置    │  Yes ───────┐
       │  押下中？      │             │
       └──────┬──────┘             │
            No │                    │
            ◇ S14                   │
       ┌─────────────┐             │
       │ 第1入力装置    │  Yes ──────┤
       │  解放後        │             │
       │ 一定時間内？   │             │
       └──────┬──────┘             │
            No │                    │
   S15 ┌──────┴──────┐   S13 ┌──────┴──────┐
       │ 第2入力装置からの │     │ 第2入力装置からの │
       │ 入力を有効とする  │     │ 入力を無効とする  │
       └──────┬──────┘     └──────┬──────┘
              │                   │
          ┌───┴────┐
          │  終了   │
          └─────────┘
```

[FIG. 5]

START

S11: RECEIVE INPUT FROM SECOND INPUT DEVICE
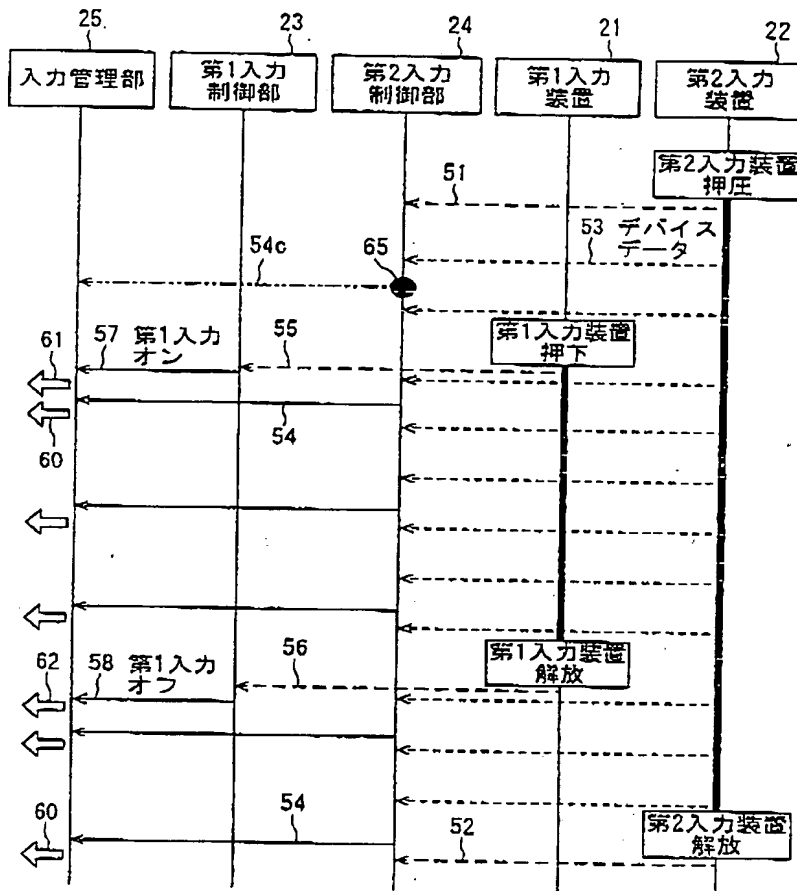
S12: FIRST INPUT DEVICE IS BEING DEPRESSED?

S14: WITHIN GIVEN PERIOD AFTER RELEASING OF FIRST INPUT DEVICE?

S15: VALIDATE INPUT FROM SECOND INPUT DEVICE

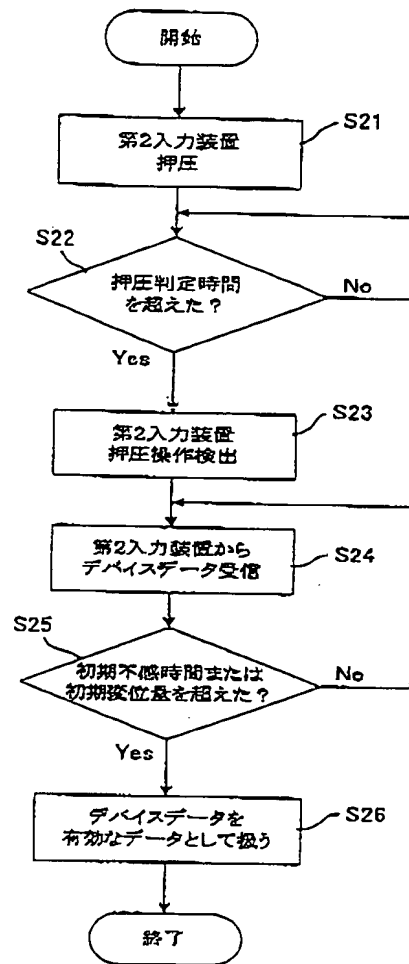S13: INVALIDATE INPUT FROM SECOND INPUT DEVICE

STOP

5/11

Fig6

6/11

25: INPUT MANAGING UNIT

23: FIRST INPUT CONTROL UNIT

24: SECOND INPUT CONTROL UNIT

21: FIRST INPUT DEVICE

22: SECOND INPUT DEVICE

SECOND INPUT DEVICE DEPRESSED

57: FIRST INPUT ON

58: FIRST INPUT OFF

FIRST INPUT DEVICE DEPRESSED

FIRST INPUT DEVICE RELEASED

SECOND INPUT DEVICE RELEASED

Fig.7

```
        ┌─────────┐
        │  開始   │
        └────┬────┘
             │
    ┌────────▼────────┐   S21
    │  第2入力装置     │
    │    押圧         │
    └────────┬────────┘
             │   ┌──────────────┐
  S22        ▼   │              │
      ╱─────────────╲  No       │
     ╱  押圧判定時間  ╲──────────┘
     ╲  を超えた？    ╱
      ╲─────────────╱
             │ Yes
    ┌────────▼────────┐   S23
    │  第2入力装置     │
    │  押圧操作検出    │
    └────────┬────────┘
             │
    ┌────────▼────────┐   S24
    │  第2入力装置から  │
    │ デバイスデータ受信 │
    └────────┬────────┘
  S25        │
      ╱─────────────╲  No
     ╱ 初期不感時間または╲─────
     ╲ 初期変位量を超えた？╱
      ╲─────────────╱
             │ Yes
    ┌────────▼────────┐   S26
    │ デバイスデータを  │
    │有効なデータとして扱う│
    └────────┬────────┘
             │
        ┌────▼────┐
        │  終了   │
        └─────────┘
```
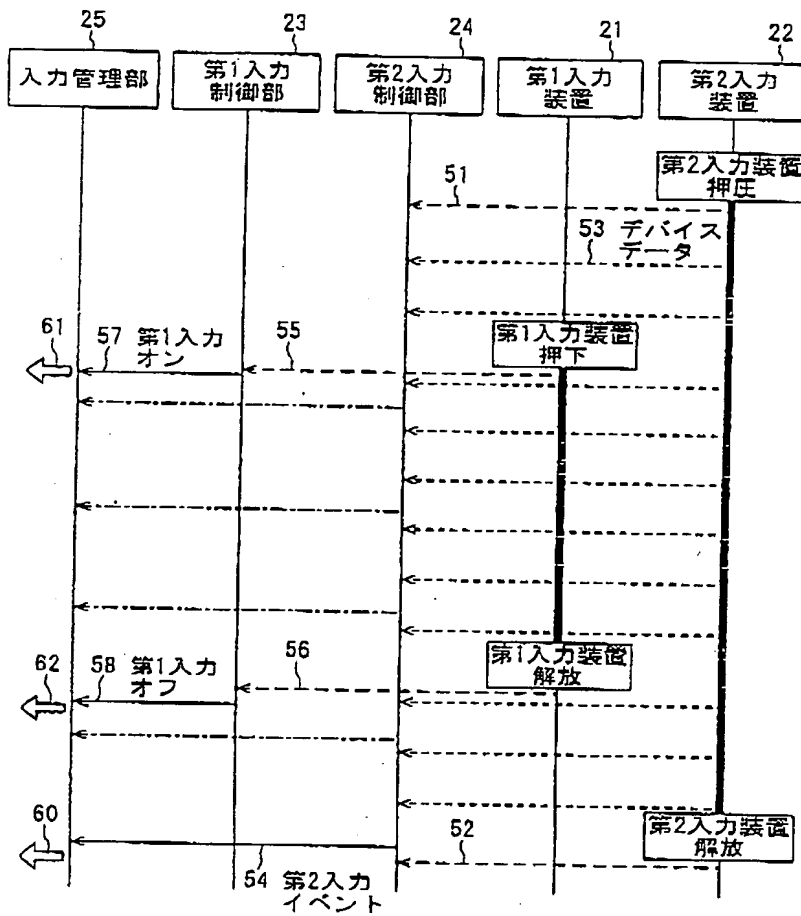
7/11

[FIG. 7]

    START

    S21: SECOND INPUT DEVICE DEPRESSED

    S22: EXCEEDING PERIOD OF TIME FOR DETERMINATION OF DEPRESSING?

    S23: DETECT OPERATION OF DEPRESSING SECOND INPUT DEVICE

    S24: RECEIVE DEVICE DATA FROM SECOND INPUT DEVICE

    S25: EXCEEDING INITIAL DEAD TIME OR INITIAL DISPLACEMENT?

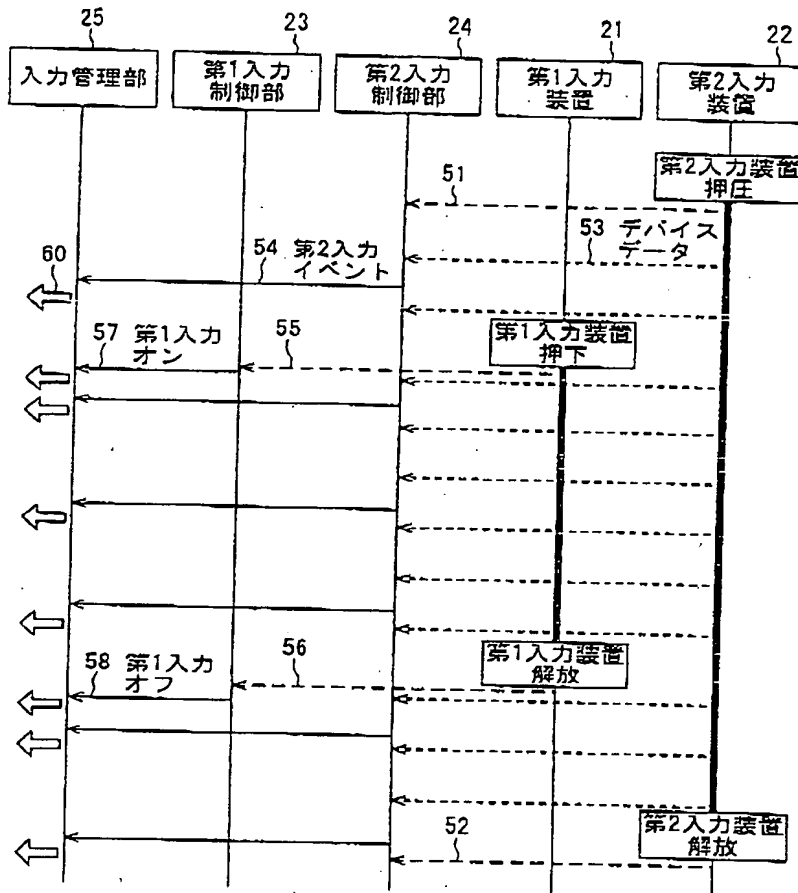   S26: REGARD DEVICE DATA AS VALID DATA

    STOP

Fig 8

8/11

[FIG. 8]

25: INPUT MANAGING UNIT

23: FIRST INPUT CONTROL UNIT

24: SECOND INPUT CONTROL UNIT

21: FIRST INPUT DEVICE

22: SECOND INPUT DEVICE

SECOND INPUT DEVICE DEPRESSED

53: DEVICE DATA

57: FIRST INPUT ON

58: FIRST INPUT OFF

FIRST INPUT DEVICE DEPRESSED

FIRST INPUT DEVICE RELEASED

SECOND INPUT DEVICE RELEASED

54: SECOND INPUT EVENT

FIG 9

[FIG. 9]

9/11

25: INPUT MANAGING UNIT

23: FIRST INPUT CONTROL UNIT

24: SECOND INPUT CONTROL UNIT

21: FIRST INPUT DEVICE

22: SECOND INPUT DEVICE

SECOND INPUT DEVICE DEPRESSED

54: SECOND INPUT EVENT

57: FIRST INPUT ON

58: FIRST INPUT OFF

FIRST INPUT DEVICE DEPRESSED

FIRST INPUT DEVICE RELEASED

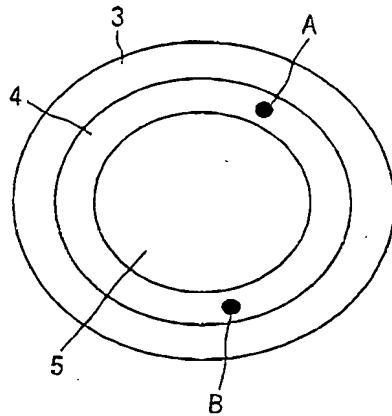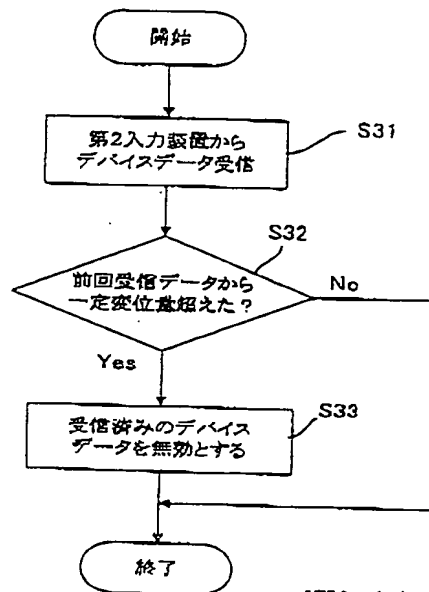SECOND INPUT DEVICE RELEASED

Fig. 10

10/11

Fig. 11

```
        ┌──────────┐
        │   開始   │
        └────┬─────┘
             │
        ┌────┴─────────┐
        │ 第2入力装置から │ ─── S31
        │ デバイスデータ受信 │
        └────┬─────────┘
             │
           S32
        ◇──────────────◇   No
       ╱ 前回受信データから ╲ ───────┐
       ╲ 一定変位超えた？   ╱        │
        ◇──────────────◇         │
             │ Yes                 │
        ┌────┴─────────┐           │
        │ 受信済みのデバイス │ ─── S33  │
        │ データを無効とする │           │
        └────┬─────────┘           │
             │←──────────────────┘
        ┌────┴─────┐
        │   終了   │
        └──────────┘
```

[FIG. 11]

START

S31: RECEIVE DEVICE DATA FROM SECOND INPUT DEVICE

S32: EXCEEDING GIVEN DISPLACEMENT FROM PREVIOUSLY RECEIVED DATA?

S33: INVALIDATE DEVICE DATA WHICH HAS BEEN RECEIVED

STOP